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(54) Title: SYSTEM AND METHOD FOR EXCHANGING INFORMATION AMONG EXCHANGE APPLICATIONS

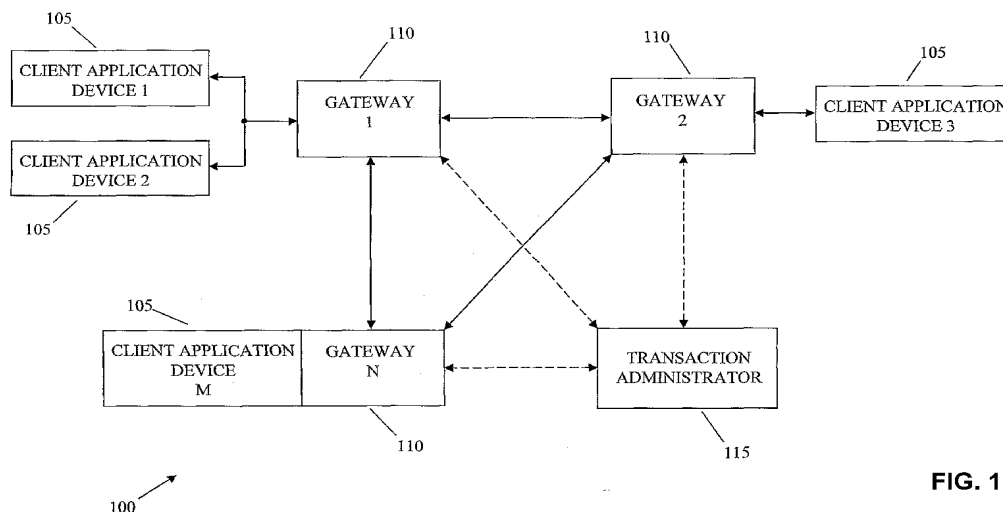


FIG. 1

(57) Abstract: In a system and method for performing message-based business processes among a plurality of applications, a gateway message is received at the gateway, the gateway message including a gateway message header and a payload, the gateway message header including a routing slip block providing a template of a complex transaction in which the gateway message is participating, the complex transaction comprising one or more simple transactions performed in a defined order. A copy of the received gateway message is persisted in a data store in the gateway. The gateway executes at least one simple transaction in accordance with the template in the routing slip in the received gateway message and persists a copy of the gateway message, after executing the at least one simple transaction, in the data store.

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## INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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US Cl. 705/1, 709/200

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI, Google, USPTO (gateway, quaran, header, payload, persist, sav, archiv)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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P, X	US 7080408 B1 (PAK et al.), 18 July 2006 Whole document	1-32
P, X	WO 2006/034201 A2 (HOBNOB INC.), 30 March 2006 Whole document	1-32
P, X	US 2006/0010495 A1 (COHEN et al.), 12 January 2006 Whole document	1-32

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2005/112390 A1 (ALCATEL), 24 November 2005 Whole document	1-32
A	Ironport Appliances, "Ironport X1000T Preventive Security Email System", October 2005 [Retrieved on 21 May 2005]. Retrieved from the internet <URL: <a href="http://www.exclusive-networks.com/downloads/documentations/ironport_X1000T_datasheet.pdf">http://www.exclusive-networks.com/downloads/documentations/ironport_X1000T_datasheet.pdf</a> >	1-32
A	US 2004/0090989 A1 (KOBAYASHI), 13 May 2004 Whole document	1-32
A	US 2005/0089046 A1 (MOUSSA et al.), 28 April 2005 Whole document	1-32
A	US 2004/0078580 A1 (HSU et al.), 22 April 2004 Whole document	1-32

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2006/045990**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. These particulars are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
US	7082458	NIL					
US	7080408	NIL					
WO	2006034201	NIL					
US	2006010495	EP	1621957				
WO	2005112390	EP	1745631				
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